

FAX # : 912 917 4418

X3  
Docket No. TI-32857**COMBINED DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, and I verify  
believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and  
joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent  
is sought on the invention entitled: **METHOD AND SYSTEM OF WIRE BONDING USING INTERPOSER  
PADS**, which:

(a) \_\_\_\_\_ is attached hereto. I hereby authorize any practitioner at Customer No. 23494, of  
Texas Instruments Incorporated, to insert in paragraph (b) below, the filing date and application number of said  
application when known.

(b) X was filed on January 30, 2002 as Serial No. 10/066,421  
(c) \_\_\_\_\_ was described and claimed in PCT International Application No. \_\_\_\_\_ filed  
on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_ (if any).

I have reviewed and understand the contents of the above identified specification, including the claims as  
amended by any amendment specifically referred to in the oath or declaration;

No application for patent or inventor's certificate on this invention has been filed by me or by my legal  
representatives or assigns in any country foreign to the United States of America, except as follows:  
\_\_\_\_\_, filed \_\_\_\_\_. I hereby claim benefit under Title 35, United States Code  
Section 119(a) of any foreign applications listed above.

I acknowledge the duty to disclose information which is material to the patentability of this application in  
accordance with Title 37, Code of Federal Regulations Section 1.56(a);

I hereby claim benefit under Title 35, United States Code Section 119(e)(1) of any United States  
applications listed below and, insofar as the subject matter of each of the claims of this application is not  
disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United  
States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of  
Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the  
national or PCT international filing date of this application:

Provision Application Serial No. 60/343,652 filed December 28, 2001.

As a named inventor, I hereby appoint the following attorneys to prosecute this application and transact  
all business in the Patent and Trademark Office connected therewith:

TI-32857

Page 1 of 3 --

Practitioners at Customer Number: 23494

Send correspondence and direct telephone calls to:

Jacqueline J. Garner  
 Texas Instruments Incorporated  
 PO Box 655474, M/S 3999  
 Dallas, Texas 75265  
 (972) 271-1176

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application or any patent issuing thereon.

Name of Inventor: Herald M. Baldonado

Residence and Post Office Address: Bariquir, Naguilian, La Union  
 Phillipines

Country of Citizenship: Phillipines

Inventor's signature:

Date: 3/25/02

Name of Inventor: Celine R. Mandapat

Residence and Post Office Address: #245 Camp 7, Kennon Road  
 Baguio City, 2600

Country of Citizenship: Phillipines

Inventor's signature:

Date: 3/25/02

Name of Inventor: Paul G. Perez  
Residence and Post Office Address: #05 Cabinet Hill  
Baguio City, 2600  
Phillipines  
Country of Citizenship: Phillipines

Inventor's signature: Paul G. Perez

Date: APRIL 5, 2002

TI-32857

O P E  
APR 16 2002

FORM PTO-1595

RECORDATION FORM COVER SHEET  
PATENTS ONLYU.S. Department of Commerce  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Herald M. Baldonado  
 Celine R. Mandapat  
 Paul G. Perez

## 2. Name and Address of receiving party(ies):

Name: Texas Instruments Incorporated  
 Address: P. O. Box 655474, M.S. 3999  
 City: Dallas  
 State: Texas Zip: 75265

Additional name(s) & address(es)  
 attached?  Yes  No

Additional name(s) & address(es)  
 attached?  Yes  No

## 3. Nature of Conveyance:

- Assignment       Merger  
 Security Agreement       Change of Name  
 Other

Execution Date: 3/21/02, 4/1/02

## 4. Application number(s) or patent number(s).

If this document is being filed together with a new application, the execution date of the application is: 3/25/02, 4/5/02

## A. Patent Application No.(s)

## B. Patent No.(s)

Additional numbers attached?  Yes  NoAdditional numbers attached?  Yes  No5. Name and address of party to whom correspondence concerning  
document should be mailed:

Name: Michael K. Skrehot  
 Address: Texas Instruments Incorporated  
 P. O. Box 655474, M.S. 3999  
 City: Dallas  
 State: Texas Zip: 75265

6. Number of applications and patents involved: 1

## 7. Amount of fee enclosed or authorized to be charged: \$40.00

## 8. Deposit account number: 20-0668

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Signature

Michael K. Skrehot, Reg. No. 36,682

Name of Person Signing

Date

Total number of pages including cover sheet, attachments and document: 3

FAX #: 972 917 4418

ATTORNEY'S DOCKET NO.  
TI-32857

TO: MARIANNA SMITH  
ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below; and

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with its principal office at 7839 Churchill Way, M.S. 3999, Dallas, TX 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefore, and all divisions, reissues, substitutions, combinations, and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said TEXAS INSTRUMENTS INCORPORATED as assignee of my entire right, title and interest.

I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

TITLE OF INVENTION	METHOD AND SYSTEM OF WIRE BONDING USING INTERPOSER PADS		
SIGNATURE OF INVENTOR AND NAME	(1) Herald M. Baldonado	(2) Celine R. Mandapat	(3) Paul G. Perez
DATE	04/01/02	4/1/02	
RESIDENCE (City, County, State)	La Union, Phillipines	Baguio City, Phillipines	Baguio City, Phillipines

Mike Skrehot  
Texas Instruments Incorporated  
P. O. Box 655474, M/S 3999  
Dallas, TX 75265

I: 3112114v1

ATTORNEY'S DOCKET NO.  
TI-32857

## ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below; and

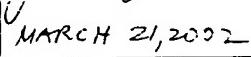
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with its principal office at 7839 Churchill Way, M.S. 3999, Dallas, TX 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said TEXAS INSTRUMENTS INCORPORATED as assignee of my entire right, title and interest.

I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

TITLE OF INVENTION	METHOD AND SYSTEM OF WIRE BONDING USING INTERPOSER PADS		
SIGNATURE OF INVENTOR AND NAME	(1) Herald M. Baldonado	(2) Celine R. Mandapat	(3) Paul G. Perez 
DATE			 MARCH 21, 2002
RESIDENCE (City, County, State)	La Union, Phillipines	Baguio City, Phillipines	Baguio City, Phillipines

Mike Skrehot  
Texas Instruments Incorporated  
P. O. Box 655474, M/S 3999  
Dallas, TX 75265